

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: cooper@gmpvt.com (Tom Cooper)  
Subject: [3996] 40M on Tuesday night  
Message-ID: <199602071638.LAA06824@web.gmpvt.com>

I thought that there was some solar event or an aurora last night. Tuned across 40M and heard nothing until VP5M/JJ2??, who was working a pile-up that I could barely hear. Called him 2 or 3 times but he didn't want to talk to me, I guess.

Tom WA1GUV

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: jeffa@ix.netcom.com (Jeff Anderson)  
Subject: [3985] 8044 postscript file?  
Message-ID: <199602071358.FAA04713@ix10.ix.netcom.com>

Quite awhile ago I downloaded a postscript file of the 8044 keyer chip. Now I can't figure out how to print it! Is there a program available that will allow one to view and/or print postscript files?

Thanks!

- Jeff, WA6AHL

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>  
Subject: [4014] Bingo!! 579 to Hawaii - 2 watts!  
Message-ID: <2.2.32.19960207230552.00700c74@pcc-uky.campus.mci.net>

Well gang,

The band is showing some promise in the evening. Worked KH6FDS (21:23 UTC), Jim, in Hawaii but was a bittersweet victory. I answered his QRZ with "de KE4KDT/QRP", and here is exactly what he said in response:

" U must think I'm really stupid. No QRP sig comes hr from 4 land, TRY 11 METERS 73 de KH6FDS"

I was crushed and nauseated. The band finally opens to there and he DOESN'T BELIEVE ME! My first chance in 2 years of listening for Hawaii!! He continued with an 8 station for till 20:46 while I sat there agonizing. When

they finished, I called HIM 3 times with no answer. Thought he had QRT. Out of desperation I sent "PSE Jim this is no joke. My RST pse. I am QRP". After about 30 seconds, I was convinced he had gone, THEN HE ANSWERED WITH (at 20:47)"I don't know who who u r but since I fixed my ant all my buddies are playing games wid me" and on and on. After 3 exchanges he still didn't believe me and in fact said "2 watts hee hee, don't make it any worse". He finally said "u were 579 at first , now 559".

Only my wife can prove it, and of course I know it and that's all that counts. You can bet one thing: HE WILL GET A QSL CARD FROM ME IF I HAVE TO SWIM TO HAWAII!!!! It was simultaneously the happiest and lowest I have ever felt since becoming a ham. No way to prove that it was the little SW40 (with extra power mod) running off a Gates 12v battery and straight key, but there is one guy UPSTAIRS that knows it. I'm exhausted.

72, Roy

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Roy Boggs KE4KDT, Prestonsburg, KY            QRP-L #322            Norcal #1507  
rboggs@pcc-uky.campus.mci.net                            QRP-ARCI  
-----

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: N1QQV@aol.com  
Subject: [4011] Bootlegger  
Message-ID: <960207164612\_416987217@emout08.mail.aol.com>

Anyone on the list hear the bozo bootlegging the KH6 call on 7.0425 around 2110Z? Maybe a psych exam should be added to the regular test sessions.....

73, Ken

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Larry East <LVE1@inel.gov>  
Subject: [3990] Dead band  
Message-ID: <9602071508.AA20858@garnet.inel.gov>

Finally got on 40 last night a little after 1900 local (0200 UTC) and thought my receiver had died! Didn't hear a SINGLE SIGNAL between 7.035 and 7.045! Finally heard some weak "packet racket", some weak SSB and one copyable CW signal (a 6) in about 10 minutes of listening. Decided that finding the Fox was hopeless and went upstairs to watch TV!

By the way, I figured I would be flooded with responses to my request for the Fox sked for last night, but only received two. Thanks guys...

72, Larry W1HUE/7

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)  
Subject: [3981] EP-2  
Message-ID: <823654078.AA05238@hamlink.mn.org>

Hi gang,

I was looking thru my winter issue of SPRAT and the EP-2 75M xcvr article. A couple of questions: It would appear that the NE602 1st mixer is not operating as a balanced modulator in transmit, so is the Murata filter F1 acting to filter out 1 set of sidebands as well as the carrier? If so what kind of sideband/carrier rejection can be expected?

Has anyone built this critter, and what kind of freq stability did you get?

Thanks!

Bob WB0POQ

---NoSnail v1.17

\*\*\*\*\*  
HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!  
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org  
\*\*\*\*\*

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: vhatley@usa.pipeline.com (Vernon Hatley)  
Subject: [3992] Exp II power output?  
Message-ID: <9602071522.AA11553@pipe5>

Hello group,

Okay, I'm going to ask yet another stupid question; but hey, I've got to learn from someone, might as well be you nice folks.

I have checked my new Explorer II (40 meter) on a friends OHR Wattmeter; I peaked it as far as it would go and could only come up with 2 watts on the nose. We checked his Explorer II; which was bought at the same time,

aligned on the same test equipment; and his put out 2.5 watts. I have noticed some you say that your Explorer II are putting out 3 watts. Here is the stupid question; how can that be? They all have the same parts, shouldn't they produce the same output if the input voltage is the same? Could this be a problem with my power supply? I am using a HW-7A power supply from an old HW-7 QRP rig. Thanks in advance for the help.

--

KK5RO

Vernon A. Hatley

QRP-L #325

From qrp-l@lehigh.edu Wed Feb 7 22:20:07 1996

From: RobCap@aol.com

Subject: [3987] For Sale: Heath HW-8

Message-ID: <960207095210\_216214233@emout04.mail.aol.com>

For Sale: Heathkit HW-8 along with documentation and a power cable. Price is \$150 (firm) which includes UPS ground shipping within Continental U.S.

Description:

The radio was received recently by me in trade, and I have decided not to keep it because I have gotten my HW-9 fully operational. I have fired up the HW-8, and the receiver works fine, and the transmitter has normal power output, about 3 watts on 80, 40 & 20, and about 2 watts on 15. I have not performed any other tests, so can only confirm that the unit is basically working.

The case shows a little wear in the dark green around the AF/RF gain control, and some scratches on the top rear of the case.

The rear panel has an S0239 antenna jack instead of the original RCA phono jack. Other mods include a lighted dial, a 5 watt transistor for the final,

extra coil turns for 15 meters (to give added sensitivity to 15 meters), and a mod to make the RF meter also perform work as an S meter.

Please respond directly to: Robcap@AOL.com

73,

Rob, WA3ULH

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
Subject: [3994] FOX/40M BLUES  
Message-ID: <9601078237.AA823710335@smtpgw.ccgate.dl.nec.com>

Well, I don't know if it was just my QTH situation, but 40M was in rotten shape last night! Listened for the fox about 0200Z and had a terrible buzzsaw-like noise covering the entire band to 7.060. Also, very few signals heard, a few buried way down.

Judging by Greg's fox tally, he had a fairly good time, until about 0145Z.

Did others find 40 disappointing also??

72/73 de Dave KK5HA  
QRP-L #25

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>  
Subject: [4023] Hawaii - possible bogus??  
Message-ID: <2.2.32.19960208034349.0076f034@pcc-uky.campus.mci.net>

Hi fellas,

This thing gets more bittersweet all the time. I have received 3 emails purporting that the KH6FDS is probably a bogus op using a legit callsign. A QSL to the real guy will confirm or deny. Also suggested is that propagation conditions were highly unlikely at this time of day to Hawaii from Kentucky. Again, I'm no expert. I just don't know. I do know that I have posted here my honest times, RST's, power, and contacts, not to brag, but to

share with you the FUN I'm having and to provide inspiration to those who may feel a bit dubious about QRP capabilities (Dave).

Possibly, conditions to Alaska and Nicaragua a few days ago were not right either, but I have them in my log. QSL cards from these guys will confirm or deny. I'm not here to play games or exaggerate claims, but if I'm the victim of a hoax then I'll get over it. When you get past 40 these things aren't worth clamoring over.

In the meantime, here's a tip for some of you: All three of these contacts occurred in the period of about 21:00 to 22:00 UTC. I was LISTENING instead of calling CQ. This time of day is when I hear the occasional DX - but not every day! I used to get more lucky contacts on 20M DX QRO by scanning the band, and sometimes a sig would just come up stay for a bit, then fade away. The same with VK's on 40M SSB this past fall. For about a week I had several 100 watt QSO's easily to Australia then it was over.

In any event, it is more interesting than squabbling over controversial topics here on the list - SPEND MORE TIME LISTENING ON THE AIR!

Thanks for all the feedback,

72, Roy

P.S. Thank you Chuck for your support, whatever the outcome.

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Roy Boggs KE4KDT, Prestonsburg, KY      QRP-L #322      Norcal #1507  
rboggs@pcc-uky.campus.mci.net      QRP-ARCI  
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From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: KF2ZW@aol.com  
Subject: [4021] Heath HW 9 with Accs.  
Message-ID: <960207214816\_417265459@emout04.mail.aol.com>

Hello Name here is Scott Hoag,  
I have been refered to this group to post this message.  
I have forsale a Heathkit HW 9 station consisting of the following:

HW 9 qrp cw transceiver with the WARC Band pack  
HM 9 qrp swr/power meter  
HFT 9A qrp antenna tuner

All items in good shape and working well, used tranceiver this summer camping with 7 amp gell cell.

Also have the manuals for all.

Asking \$ 350.00 as package

I am located in Rochester NY and can be reached @ 716-654-7360 evenings after 6:30

Tnx es 73's

Scott KF2ZW

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: "Robles Rodriguez, Pablo" <S927153@SARK.UPR.CLU.EDU>  
Subject: [3997] HW-8 S-METER  
Message-ID: <63076EA24A8@sark.upr.clu.edu>

HI GANG:

DID ANY OF YOU KNOW A MODIFICATION SO THAT I CAN US THE METER ON MY HW-8 AS A S-METER? IF YOU CAN MAKE A TEXT SCHEMATIC AND SEND IT TO THE LIST I WILL REALLY APRECIATE IT.

73 ES CUL  
PABLO  
WP4JXD

P.S.:WORKED YO9AYN LAST NIGHT ON 40M WITH 2W ES G5RV DIPOLE 20 FT HIGH. I THINK THAT QUALIFIES FOR KW/M. QUITE EXCITED YET! DIDN'T EXPECTED THAT MUCH FROM 40M AND MY G5RV.

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: "Evert Halbach" <cs-erh@nich-nsunet.nich.edu>  
Subject: [3984] HW-8s for sale  
Message-ID: <5D6A1E34AA@charon.nich.edu>

2 Hw8s for sale. \$125 ea. shipped. They both have manuals and power supply. Thanks es 73 de WA50JI Evert...

Evert R. Halbach WA50JI  
Internet - cs-erh@nich-nsunet.nich.edu  
Phone - (504) 448-4999  
Snail - P.O. Box 2168 Thibodaux, La. 70310

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>  
Subject: [4006] No Bushy-Tail  
Message-ID: <Pine.A32.3.91j.960207113143.120232A-100000@homer17.u.washington.edu>

Caught no presence of the bushy-tailed critter in the Seattle-Tacoma area of the northwest. Did have a nice QSO with KD7HV, Ham. Ham was using his newly built Norcal 40A at 1 watt...was happy to hear my signal. We were "dead" on 7.040 MHz a bit after 0300 UTC. Ham was about 12 miles from my QTH. My rig: QRP+ at 4 watts.

Stephen Lee, AB7HI  
slee@u.washington.edu

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: N1QQV@aol.com  
Subject: [4003] No Fox, No Nothin'  
Message-ID: <960207133001\_138243581@emout07.mail.aol.com>

40 meters was DEAD in CT last night. Hoping for better conditions tonight.

73, Ken

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Nick Franco <nickf@bnl.gov>  
Subject: [3998] NW8020; FOX; etc...  
Message-ID: <9602071639.AA12170@bnlux1.bnl.gov.bnl.gov>

Had a good day yesterday. Was talking to a friend about the NW8020 I ordered for Christmas and forwarded him the review that was posted here. He's now seriously considering purchasing one for 80 meters. It got me anticipating receiving mine. Well what do you know. I get home late from



work (about 6:00 EST) and there's the envelope I've been waiting for. MY NW8020 40 Meter Kit!

I opened the envelope and looked at the docs a little.

I had a board meeting to attend at 7:00 and hoped it wouldn't take all night. After all there's a FoxHunt you know, and I had the sked all printed out. I was ready and hoping to here the furry one on 40 since he was a zero call and all. Well, I didn't get home until 9:45 EST only 15 minutes left and I didn't eat dinner yet. The XYL had a different meeting and got home within 5 minutes of me. So we sat down and ate dinner together; the boys already ate earlier. I thought about running down to the shack and try for foxie in the Novice band. Then I stopped! No, it's OK. It would only bring my total count to 2 anyway. I might not even hear him. I sat down and chatted with the XYL instead.

After all, I got my KIT. I was happy.

Nick

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Nicholas J. Franco      |\\|      _____ Brookhaven National Laboratory
Sr. Systems Specialist .___.. \   /\   /   Building 1005      Room 201
Tel: (516) 344-5467     \_   /___/  \_   UPTON, N.Y.      11973-5000
Fax: (516) 344-3674     _/QRP-L#13_/      <><
Email: kf2ph@bnl.gov   /___/_____/      Ham Call: KF2PH      NE-QRP#349
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From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [4010] OHR WM-1, and no mail for 4 hours?

Message-ID: <Pine.3.89.9602071500.D26892-01000000@w3eax.umd.edu>

At least that what I think I saw. Anyway, it seems to be working now. Must've just been in my head?

Ob QRP: I got my OHR WM-1 from WB8POK and have been using it a lot in the week I've had it. Never before have I been able to measure milliwatts directly...

Apparently, my OMNI V is truly QRP (5 watts or less on all bands) although the Alinco has to be properly adjusted, as it's doing between 4.5 and 6 watts on all bands - gotta drop it a little.

The Explorer II and Backpacker II are set for 700 mW - it was a watt on my HM-9. Yes, I have one, no I'm not selling it.

I highly recommend this QRP wattmeter as a very useful station accessory.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440  
\*\*\* VHF @ <25w, HF @ <5w \*\*\* Who says Morse Code is dead? \*\*\*  
Stuck at 138 cfd with dipoles - QRP-L, QRP ARCI, DXCC/WAS/WAC  
72/73 de Suburban DC 301-549-1022 h / 301-982-1015 w dit dit

From qrp-l@lehigh.edu Wed Feb 7 22:20:07 1996  
From: PGSPersEng@aol.com  
Subject: [3982] Portable PS for QRP+  
Message-ID: <960207032509\_315016658@emout04.mail.aol.com>

In my shack, I'm using an Astron power supply to run my QRP+. But when I take it on the road, I'd like something a bit smaller and lighter (the Astron is about 3x or 4x the size of the rig).

What are other QRP+ owners doing for a portable power supply that's small and light yet provides enough filtered/regulated current?

Thanks,  
Paul AA1MI

From qrp-l@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>  
Subject: [3986] PostScript and homebrew antennas  
Message-ID: <199602071437.AA05562@aplo1.spd.dsccc.com>

REF: jeffa@ix.netcom.com (Jeff Anderson)  
Subject: 8044 postscript file?

QRP'ers:

Jeff Anderson wrote ( ja> )

ja> Quite awhile ago I downloaded a postscript file of the 8044  
ja> keyer chip. Now I can't figure out how to print it!

Next to QRP and oatmeal raisin cookies, PostScript is one of my favorite topics. First, a PostScript source file contains only printable ASCII characters. A PostScript file may be considered a description of what you want on the printed sheet. Usually, the interpreter is built into the printer. Then the source file is sent to the printer and it is interpreted and the interpretation

is printed onto the paper. On a good printer, the interpreter is invoked when the first character pair on the first line of the source file is %! (percent exclamation). If the first character pair is something else, then the file is simply printed as an ASCII file.

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ja> Is there a program available that will allow one to view
ja> and/or print postscript files?
ja>
ja> Thanks!
ja>
ja> - Jeff, WA6AHL
```

There is a program called GhostScript which may be used to print a PostScript file, if your printer can print graphics. My first printer was a Star 1000, and it did. My present printer is an HP-500, and it does. In this case, GhostScript interprets the PostScript source, and sends your printer a very long sequence of dots. I have not checked in over 6 months, but at that time the latest version of GhostScript was v2.6.1 and it was available from SimTel or one of its mirrors. The bad news is, you will probably have to read the manual.

OB-QRP: I thought last night I had run out of excuses. Over the weekend I made a 40m loaded dipole and put it in my attic. I threaded a 20ft length of rg-58 from the attic, thru the wall, to a hole already in my back bedroom. A co-worker loaned me an SWR meter, and I was going to make sure that the SWR was less than 3:1. When I pressed the key, my fuse blew. This was not reasonable. I had tested at Smitty's shack, and it did not blow fuses. After some consultation with Smitty, I jumper'd the fuse holder. My SWR is full scale. 8-(. I made a dummy load from two parallel 100 ohm resistors. Using a dummy load, my SWR is 1:1. Gawd....It don't get no better than this!

Regards,  
Charles

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+ - - - - - +
| Charles Cashion      w.214-519-2583      h.214-881-0952 |
| KC5SNU(24jan96)  ARRL  NorTex#116  NorCal#1320  QRP-L#76 |
| UNIX *IS*  user friendly....                               |
|                               It is just picky about its friends. |
+ - - - - - +
```

From qrp-l@lehigh.edu Wed Feb 7 22:20:07 1996  
From: "Jay D. Hall" <71554.307@compuserve.com>

Subject: [3978] power measurements

Message-ID: <960207021335\_71554.307\_DHR11-4@CompuServe.COM>

I have friend (not a ham) who is attempting to design a transciever in the 174MHz range. He asked me how he would measure power out of the transmitter. I told him to put a dummy load on the 50 ohm antenna and then look at the peak to peak signal with his 400MHz scope. Then do  $P=IE$  as in  $E^2/r$  where  $r = 50$  ohms and  $E = V_{pp} \times .707$ .

He did this using a 50 ohm terminator for a lan, and told me this could not be correct because he is getting 600mw and he should only have 50mw. He said there is a FCC rule about this power being legal.

Now for the help. Isn't this the correct method?(Sanity check) Is the LAN terminator a problem? I thought the legal power out was less than 100mw. Can anyone confirm any or all of these questions? Also, does anyone know where I can get the skinny on the actual FCC rule for the 100mw vs 50mw question?

I intend to go over to assist him dragging my 100watt dummy load. I just want to make sure I am going to HELP him!

Thanks a lot!

Jay WA6MOK

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996

From: bfollett@ditell.com

Subject: [4017] Power Supplies for QRP+

Message-ID: <199602072336.QAA14948@orion.ditell.com>

Gang:

Paul AA1MI, was asking about power supplies that are smaller than the Astron that could be used with the QRP+.

I know this is TOTAL overkill for the ORP+, but I did cut out an ad from the Dec. 1995 CQ mag, page 70, for TEKTRIS Electro Corp, introducing their line of RF Series power supplies.

"Using technology developed for its OEM and aerospace power sources, uniquely designed RFI filtering is included for extremely low conducted and radiated emissions which is necessary for critical RF applications. Their extremely high efficiency of 85% means they consume much less power, are less expensive to operate and generate less heat than competitive units. A 500 Watt unit takes up only 7" X 3.5 " X 10" and weighs less than 5 pounds".

"A 500 Watt model, FR 420S14M, is only \$174.95". They can also be paralleled up to 5000 watts...

I don't know if they have smaller or larger sizes, but if anyone wants to check them out, (and give us a report), they are in La Masa, CA and can be reached at (619) 589-0444.

The usual disclaimers, plus, I have never heard of them before this ad...

73, Bob

IMHO, a 5 lb supply would be very nice for those Alinco 70's or Icom 706's.

-----  
Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 Home Office E-mail: bfollett.ditell.com

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: "David E. Shelton" <deshe101@homer.louisville.edu>  
Subject: [4012] rechargeable lead cells  
Message-ID: <Pine.OSF.3.91.960207170659.17841A-100000@homer.louisville.edu>

Hello,

All this talk of batteries has got my interest peaked, so I did some investigating around the hospital I work at and managed to pick up two 26Ah rechargeable lead cells with minimal effort from the Biomed dept. I have checked the voltage once I arrived home with the back breakers, each only 6" X 7" X 7" and weighing about 25lb each. The voltage was about 7.5v and the techs in Biomed said they had been there on a pallet for a couple weeks sitting. The batteries are only about 8months old and Hospital regulations stated they must be replaced every so often these came out of a ventilator that I work with frequently on my unit.

I guess my question is what is the best way to get the batteries back in the original charge of 12-13v and keep it there for backup power use. Be it QRP or whatever?

TNX es 73/72,

David E. Shelton, RN, BSN KE4FPS  
University of Louisville, SON  
deshe101@homer.louisville.edu  
102551,1470@compuserve.com  
KE4FPS@WD9AGK.#SIN.IN.USA.NA (packet)  
"Every Patient Deserves A Nurse!"

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We are all patients at one point in our lives.	/	[+]	\
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From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
 From: John Mckee <jmckee@rfmd.com>  
 Subject: [4002] small transmitting loops  
 Message-ID: <199602071750.MAA95104@nss2.CC.Lehigh.EDU>

QRP Gang,

Has anyone out there ever used a small transmitting loop  
 based on the article "Honey I Shrunk the Antenna" in the  
 July 1993 QST? If so could you described your construction  
 and what do you think about the performance?

Please respond directly to jmckee@rfmd.com

TU dit dit

John WB4OFT

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
 From: John\_Foote\_at\_HDN-BCSE@ccgate.ml.nec.com  
 Subject: [4008] Tap your brain? (non-QRP question)  
 Message-ID: <9601078237.AA823734138@mvlsmtg.ccgate.ml.nec.com>

Can anyone tell me where I can get a copy of the latest ITU-T ISDN standards, that is, definitions?

I'm told that it's called the I.500 Blue Book. But I can't seem to find it on technical booksellers' WEB site lists.

If you know the name of it (or them) so I can ask for it by name, it would be very helpful.

Apologize for the bandwidth.

72 de KR4GL  
 John Foote

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: mlynch@skyyenet.net (martin lynch)  
Subject: [4022] Telecommunication and Internet SIGs  
Message-ID: <m0tkMnW-001KfNC@skye1.skyyenet.net>

Since I did not receive your last message, I do not know what was in it. I will support you with either SIG. Just let me know in advance so I can prepare for whatever you need if it is required. If you have a general idea of what the format will be please let me know. A preliminary syllabus would be helpful. Maybe we can discuss it before/during/after the Goshen amateur radio club meeting.

=====  
Marty Lynch Amateur Radio Call: KA1LXG  
e-mail: mlynch@skyyenet.net  
=====

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Bob Hightower <ki7mn@MycroNet.com>  
Subject: [3999] Tues Nite FOX  
Message-ID: <199602071706.KAA02369@mycro1.mycronet.com>

I did hear the FOX on 7.043, but, while starting at a 449, he quickly faded into QSB to become unreadable. Periodically he would surface and stick his nose up for air, but not long enough...called and got no answer (probably due to a 6 land and 5 land station calling CQ repeatedly on 7043). Never heard him on the Novice band.

The OHR dual bander never did pull him out...had to use the receiver on the TS-450. Too bad. Thought I'd get one at last.

73

Bob KI7MN

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [4005] What the heck? No mail since yesterday???  
Message-ID: <Pine.3.89.9602071416.A26724-01000000@w3eax.umd.edu>

Just what hours is the list server keeping? It's 14:40 EST and nothing heard for the entire day!!!

Lehigh U, what's up?

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440  
\*\*\* VHF @ <25w, HF @ <5w \*\*\* Who says Morse Code is dead? \*\*\*  
Stuck at 138 cfd with dipoles - QRP-L, QRP ARCI, DXCC/WAS/WAC  
72/73 de Suburban DC 301-549-1022 h / 301-982-1015 w dit dit

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: rossi@VFL.Paramax.COM (Pete Rossi)  
Subject: [3993] Whats 30 meters been like lately?  
Message-ID: <9602071555.AA05591@gvlf6-a>

Well I finally finished the OHR400 that I ordered way back in October. It only took me 4 evenings to build.. ..once I finally got started on it last week. Tonight I get to smoke test it :-)) and then I will finally have access to 30 meters. All that will remain is to get a 30 meter antenna up... and I will be all set.

So, how has 30 been lately? I do have receive coverage up there and it has sounded pretty dead most evenings. Sometimes in the very early evening WWV is in there pretty decent.. but most nights there is no trace of it.

I guess for the near future it is strictly a daytime/weekend band.. at least until springtime conditions return.

How has it been during the day?

---

Pete Rossi - WA3NNA  
rossi@vfl.paramax.com  
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)  
Valley Forge Engineering Center - Paoli, Pennsylvania

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Joachim Seibert <Joachim.Seibert@urz.uni-heidelberg.de>  
Subject: [3989] Re: 8044 postscript file?  
Message-ID: <Pine.A32.3.91.960207155437.19797A-100000@aixterm7.urz.uni-heidelberg.de>





->of desperation I sent "PSE Jim this is no joke. My RST pse. I am QRP". After  
->about 30 seconds, I was convinced he had gone, THEN HE ANSWERED WITH (at  
->20:47)"I don't know who who u r but since I fixed my ant all my buddies are  
->playing games wid me" and on and on. After 3 exchanges he still didn't  
->believe me and in fact said "2 watts hee hee, don't make it any worse". He  
->finally said "u were 579 at first , now 559".

->

->Only my wife can prove it, and of course I know it and that's all that  
->counts. You can bet one thing: HE WILL GET A QSL CARD FROM ME IF I HAVE TO  
->SWIM TO HAWAII!!!! It was simultaneously the happiest and lowest I have ever  
->felt since becoming a ham. No way to prove that it was the little SW40 (with  
->extra power mod) running off a Gates 12v battery and straight key, but there  
->is one guy UPSTAIRS that knows it. I'm exhausted.

->

->72, Roy

->-----

->Roy Boggs KE4KDT, Prestonsburg, KY            QRP-L #322            Norcal #1507  
->rboggs@pcc-uky.campus.mci.net                            QRP-ARCI

->-----

Hmmm let me get this straight..    2000 -- 2100 UTC    propagation from  
Kentucky to Hawaii on 40 meters?? !!    That's like 3 PM .. or 2 PM your  
time and like 10 or 11 AM Hawaii time ???

Seems awfully unlikely to me.    Now I have heard and worked VK/ZL on 40  
a little closer to sunset.. longpath.. but that was an hour or two later  
and VK/ZL is a tad more further west than KH6.

But who knows.    Maybe the propagation was doing funny things.    Reports  
are that 40 was pretty bad last night for the FOXhunt.    Maybe something  
goofy happened earlier in the day.    Send him a QSL card.. and get one  
from him..    That's the only way to find out for sure.

He's listed in the callbook server:

KH6FDS	SHIROMA, JAMES T	LIC ISU 25-OCT-1994
GENERAL	98-1025 KUPUKUPU PL	LIC EXP 25-OCT-2004
DOB 1-OCT-1923	AIEA                            HI 96701	LST UPD 25-OCT-1994

That's a positive start.

---

Pete Rossi - WA3NNA

rossi@vfl.paramax.com

Loral Defense Systems-Eagan    (formerly    Unisys Government Systems Group)  
Valley Forge Engineering Center - Paoli, Pennsylvania

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4018] Re: Bingo!! 579 to Hawaii - 2 watts!  
Message-ID: <199602072346.XAA00780@chuck.dallas.sgi.com>

Roy,

Have your wife take a picture of you at the setup.

Include a note from her that you did indeed work him  
with a SW-40 and also include the summary sheet on the  
rig.

Heck, send him the schematics. I will send him a card attesting  
to the fact that I too have worked HI with 0.95W. We'll flood him  
with postcards. :-)

I printed your post. I'll send him a card when I get home.

We know you did and you know you did it. But it is still a pain  
in the tush sometimes to get a card. In this case I'd recommend  
a SASE. For the lower 48 try QSLing without a SASE first.

dit dit es congrats!!!

K5F0/6

--

Chuck Adams (K5F0 CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Allen Jones <ajones@adsnet.com>  
Subject: [3979] Re: Days Inn South Reservations  
Message-ID: <199602070443.WAA16322@alice.adsnet.com>

At 05:58 PM 2/6/96 EST, you wrote:  
<SNIP>

>Now we have two rooms from the block of rooms that Myron has reserved  
>for QRP-ARCI taken that Myron probably does not know have been taken.  
>When Myron sits down to allocate the rooms that he thinks he has someone  
>who is on the his list may lose their room. Make that some QRP'er may  
>lose their room.  
>

>Although Allen didn't say it, I'm sure Allen let Myron know that Allen  
>got two of the rooms in the block that Myron has reserved. I certainly  
>would hate to (a.) lose my room (b.) be the cause of someone losing  
>their room.

>  
<SNIP>

>  
>73 Hank K8DD  
> Central Division Director QRP-ARCI  
>

>  
Sorry Gang . . . I posted a request for info on Dayton-L yesterday asking  
for the \*proper\* way to reserve rooms and received a grand total of one (1)  
reply from a fellow who knew nothing about the procedure except the names of  
the ladies to ask for in the sales dept. at DIS. I checked in the last  
issue of the Quarterly and couldn't find any info there either, it may be in  
there but I couldn't find it. The lady on the phone told me they had just  
opened a \*new\* block of rooms and checked to make sure I wasn't on the list  
already. To the best of my knowledge I haven't taken anyone else's room.  
BTW, I am not the first or only person on this list to make reservations  
direct with DIS, just the one taking the heat.

Regards .....

=====  
Allen Jones K9DZE ajones@adsnet.com  
Michigan City, Indiana EN61nq  
ARCI G-QRP NorCal  
=====

From qrp-l@lehigh.edu Wed Feb 7 22:20:07 1996  
From: ak119@lafn.org (Rothan Maxwell)  
Subject: [4015] Re: Dead band  
Message-ID: <199602072312.AA01867@lafn.org>

Larry East <LVE1@inel.gov> writes:

>Decided that finding the Fox was hopeless and went upstairs  
>to watch TV!

I spent about 5 minutes looking for the Fox Larry, without success. I have come to the conclusion ( as a result of this seasons Fox Hunting ) that if I don't find the Fox, or at least someone else calling the Fox within 5 to 10 minutes, then it's probably a good Idea to go do something else. So, after my 5 minutes had elapsed; I started my Satellite tracking program, and discovered that there would be a good pass of RS12 at approx. 05:00Z. This gave me a little time to talk to my wife, play with my kid, and prepare for the pass. Preparation really wasn't very elaborate. I stuck the Satellites beacon frequency ( I use 29.408.55 Mhz ) in one memory, and a TX/RX pair of frequencies in a memory for split frequency pairs. ( hey, those things do have a use after all! ) Unfortunately, I don't have a separate receiver for downlink monitoring ( at least not yet ). Next, I opened the Jones filter up to the maximum setting; and then, waited for the bird.

I began to hear the beacon of RS12 a few minutes after 05:00Z ( I'm going to have to get some new keps ), I didn't call CQ right away, I figured it would be better to wait until the bird got closer; since I was running QRP at 4 watts CW. At 05:09Z I began to call CQ, and bang! AA7UE in Washington State came back to me, we exchanged 569's and I continued calling CQ, listening, and tuning. Finally, at 05:16Z KE6BYX called, we exchanged 559's and that ended my QRP satellite operation for the evening; as the bird was quickly making it's way over the radio horizon. Neat stuff. Although not conventional QRP CW, it was a lot of fun. And I bet it just beats the Heck out of watching TV! Thanks to Mike ( WA6ARA ) for posting his Satellite Challenge article a few weeks ago...

72's Max (nu6u)

From qrp-l@lehigh.edu Wed Feb 7 22:20:07 1996  
From: George Dobbs <g3rjv@gqrp.demon.co.uk>  
Subject: [4020] Re: EP-2  
Message-ID: <QFf9+BA+fUGxEwuz@gqrp.demon.co.uk>

In message <823654078.AA05238@hamlink.mn.org>, BOB LIESENFELD <BOB.LIESENFELD@hamlink.mn.org> writes  
>Hi gang,

> I was looking thru my winter issue of SPRAT and the EP-2 75M xcvr  
> article. A couple of questions: It would appear that the NE602 1st  
> mixer is not operating as a balanced modulator in transmit, so is the  
> Murata filter F1 acting to filter out 1 set of sidebands as well as  
> the carrier? If so what kind of sideband/carrier rejection can be  
> expected?  
> Has anyone built this critter, and what kind of freq stability did  
> you get?

#### EXTRA NOTE

The EP2 will be in the next QRPp and also a slight modification will be published in the next SPRAT.

Hands Electronics are to sell PCBs for the modified design.

72/3

George Dobbs G3RJV	"It is vain to do with more
The G QRP Club	what can be done with less"
g3rjv@gqrp.demon.co.uk	William of Occum (1290-1350

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [3995] Re: Exp II power output?  
Message-ID: <199602071604.QAA00782@chuck.dallas.sgi.com>

Vernon et.al.,

You'll see different people in this group get different power outputs from the same rig. The variance can be mainly attributed to the power supply voltage. The power supply voltages can be from 12 - 15V. I personally would not apply more than 13.8V to ANYTHING expecting a friendly 12V, but that is my operating guideline.

Another minute detail. If your rig puts out x.xxV into a 50.0 non-reactance ohm dummy load, you may get a different power out into various antennas. That's why, IMHO, it is very important to have something like the OHR WM-1 wattmeter to measure the output power at rig. Even the same antenna system will change under different environmental conditions - wet,dry,hot,cold,....

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [4000] Re: FOX/40M BLUES  
Message-ID: <199602071710.KAA04871@zia.aoc.nrao.edu>

There was no fox heard in Socorro, NM, although I noticed by arch-rival AB50U always seems to find 'em! hi. Did hear W6ZH and N6ULU working Greg, both were loud here, but no sign of the fox himself. Band went deaf shortly after hearing those two fox contacts.

There is nothing unusual about the solar conditions, at least up to what has been reported as of wednesday morning. Both solar and geomagnetic conditions are very quiet, sunspot numbers running about 5-6 (almost as dead as you get), 10.7cm flux 70 (been that way for months), A-index 3-5 past week (also about bottom) and MUF's running about normal.

Maybe they fired up that HAARP 1-billion watt ionospheric warming gizmo in Alaska last nite?

Nice job Greg considering the conditions.

Paul NA5N

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: dsa@apollo.hp.com  
Subject: [4001] Re: FOX/40M BLUES  
Message-ID: <199602071739.MAA47838@nss2.CC.Lehigh.EDU>

>had a terrible buzzsaw-like noise covering  
>the entire band to 7.060. Also, very few  
>signals heard, a few buried way down.

Sorry 'bout that buzzsaw sound, Dave. The XYL has one of those "touch lamps" in our family room. That thing emits so much noise across the RF spectrum I wouldn't doubt if you could hear it there in TX! :\*) Anyway, I she shut it off around 04:00z, so things should have cleared up around then. 'course I forgot to unplug the lamp, so when I sent a CQ, my RF turned the damn lamp on! Hmmm, there's got to be some Machavelli way to get rid

of that beloved thing!!! An accident. Yeah, that's it.  
"Sorry dear, I don't know how it happened..."

73! de Dale KB0VCC

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>  
Subject: [4004] RE: No Fox, No Nothin'  
Message-ID: <49539.owen@apollo.eeel.nist.gov>

In message Wed, 7 Feb 1996 13:32:09 EST, N1QQV@aol.com writes:

> 40 meters was DEAD in CT last night. Hoping for better conditions  
> tonight.  
> 73, Ken  
>

It was pretty bad in MD also. Didn't hear the FOX nor many others. I did  
hear a KP4 that was strong 579 and a few down lower who's calls I don't  
remember. Prop. is pretty poor after about 7PM EST. Even on 75M the  
propagation for the locals (0-300 miles) drops out about 8PM.

73 Jim K4CGY qrp-1 #72

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: ddw2@Lehigh.EDU (Dah-Jyuu D. Wang)  
Subject: [4007] re: No Fox, No Nothing'  
Message-ID: <199602072000.PAA89733@ns3-1.CC.Lehigh.EDU>

===== Original Message =====

>From qrp-1@lehigh.edu Wed Feb 7 18:36:12 1996  
Return-Path: qrp-1@lehigh.edu  
Received: from fidoii.CC.Lehigh.EDU (fidoii.CC.Lehigh.EDU [128.180.1.4]) by nss2  
CC.Lehigh.EDU (8.7.1/8.7.1) with ESMTP id NAA73962 for <ddw2@lehigh.edu>; Wed,  
7 Feb 1996 13:36:11 -0500  
Received: from fidoii.cc.lehigh.edu ([127.0.0.1]) by fidoii.cc.lehigh.edu with S

> 40 meters was DEAD in CT last night. Hoping for better conditions tonight.  
> 73, Ken

Same thing here in northeast PA. Heard nothing on 7043. Condition did improve  
somewahat at around 8:45PM EST. Heard a few stations at 7043 but was too fast



for me to copy. Tune to 7100 did not heard anything.

DJ, n2ykp/3

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: "Robert J. Gobrick" <rgobrick@nfld.com>  
Subject: [4013] Re: NW8020; FOX; etc...  
Message-ID: <2.2.32.19960206225637.0072d184@public.compuserve.nf.ca>

Nick,

Don't try to fool us Nick - WE KNOW you won't be happy until you actually BUILD the NW8020, get it on the air and WRITE us a report.

Wipe that smirk off your face....

73/72 Bob V01DRB/WA6ERB

At 11:50 2/7/96 EST, you wrote:

>

>After all, I got my KIT. I was happy.

>

>Nick

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP
Internet: rgobrick@nfld.com
bgobrick@nlnet.nf.ca
Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [3983] Re: Portable PS for QRP+  
Message-ID: <Pine.SOL.3.91.960207061947.28590D-100000@utkux4.utcc.utk.edu>

Paul,

I am using an old Pyramid Phase III PS-7 supply rated for 7 amps max, less continuous. It is a little deeper than the QRP+ but a little less tall, same width. No problems at all. However, I have taken the trouble

to keep the PS separated from the rig and have wound each end of the power cable around a split core. Cheaper supplies are worth a look inside: once there, add bypass capacitors to the supply output line, and even consider adding the ferrite cores inside the case as a permanent filtration addition for RF applications. I added the cores after using the PS with an HTX-100 (R.S. 10-meter rig) and having the output voltage fluctuate with both voice and CW--now no change no matter what rig I use it with. PS shows no heat with normal SSB or CW operation at full QRP+ output up to 7 watts, although I run it at less.

-73-

LB, W4RNL

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)  
Subject: [4019] Re: Portable PS for QRP+  
Message-ID: <199602080007.TAA30508@nss2.CC.Lehigh.EDU>

>What are other QRP+ owners doing for a portable power supply that's small and light yet provides enough filtered/regulated current?

Thanks,  
Paul AA1MI

Hello Paul,  
I use a Power Station,,model sb152. I am presently building a solar panel regulator to replace the built in regulator that doesnt work very well.

The new regulator is from Jade Products.  
de AA1IK N.E.-QRP-C. # 202 ( Lead by example, It is better to )  
QRP-L member #95. ( pull a string than it is to push it.)  
Ernie Gregoire  
RR 1 Box 221  
Canaan, NH. 03741

New England QRP Club, information  
available on request by sending me a  
S.A.S.E. or via E-mail.

e-mail : GREGOIRE@ENDOR.COM  
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Bernard Seront <seront@seism1.ess.sunysb.edu>  
Subject: [3991] Re: PostScript  
Message-ID: <9602071519.AA19857@seism1.ess.sunysb.edu>

> ja> Quite awhile ago I downloaded a postscript file of the 8044  
> ja> keyer chip. Now I can't figure out how to print it!

> ja> Is there a program available that will allow one to view  
> ja> and/or print postscript files?

If the printer is postscript and the computer is a PC, just do:

copy whatever.ps prn:

under dos (or a dos session), whatever.ps being the file name. Worked for me  
for 8044.ps

If this doesn't work you'll have to find a program, like ghostscript, to do  
the job. I never found a good viewer under windows for postscript file,  
anyone? (I have never been able to install ghostscript properly).

Bernard, KB2TGH.

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Gene Marcus <mmarcus@hiwaay.net>  
Subject: [3988] RE: power measurements  
Message-ID: <01BAF53B.4809FE40@max1-150.HiWAAAY.net>

Jay WA6MOK writes:

I have friend (not a ham) who is attempting to design a transciever in the  
174MHz range. He asked me how he would measure power out of the transmitter. I  
told him to put a dummy load on the 50 ohm antenna and then look at the peak to  
peak signal with his 400MHz scope. Then do  $P=IE$  as in  $E^2/r$  where  $r = 50$  ohms and  
 $E = V_{pp} \times .707$ .

^^

Jay, the problem is the way you calculated the RMS voltage,  $E = 0.5 \times V_{pp} \times .707$   
or  
 $E = V_p \times .707$ .

Hope this helps,

Gene W3PM GM4YRE  
Huntsville, AL  
mmarcus@hiwaay.net

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Denton Larson <dlarson@ic.waseca.mn.us>  
Subject: [3980] Re: What do you think of this 40M dipole?  
Message-ID: <199602070441.WAA24294@IC.Mankato.MN.US>

At 10:36 PM 2/6/96 EST, you wrote:

>Hello everyone,

>

>I want to put up a 40M dipole for home use as follows: 44' flat-top with (2)  
>11' legs. The only catches are that the legs will be supported by a 10'  
>metal mast on chimney mount and there is some other other metal around roof  
>- including my Cushcraft R5 not too far away. There will be 3' of nylon  
>rope on each side of the flat top to the mast. The legs will come down at an  
>angle to the bottom of the mast. The element will parallel the mast as it  
>comes down towards roof.

>

>Want to use 14 ga. insulated stranded wire for element. Was thinking about  
>attaching a 4' piece of PVC pipe to top of mast to get it a bit higher off  
>roof (should it be an 1/8th of a wavelength off roof?) Feed it at center of  
>flat-top portion with RG-8x to a 1:1 balun. The RG-8x would drop to roof -  
>then to RG-8 to rig. Minimize pulling on the wire. Don't want to have to  
>guy the masts if possible.

>

>I would appreciate any feedback.

>

>Tnx es 73 de Kevin KB2TE0

>

>PS No fox heard in Brooklyn tonight.

>

Hello Kevin, My 2 cents is go for it, it may take a bit of effort to put up  
but any new antenna project one undertakes is a great learning experience.  
You may see some interaction with the roof flashing, the best thing I can  
say from my experience is to try to keep the antenna wire at right angles  
from the flashing. I put up a dipole up on my tower a few years back and I

couldn't get the VSWR down until I realized that the guy wire was causing my problem. I mounted the dipole on a side arm and that corrected my problem. A purest will tell you that it has to be so high to work etc. My idea is give it a try and have fun and learn, this is what it's all about!

73/72's good luck Denton WB0ZUR  
BTW RG-8X all the way to the rig should be fine IMHO :-)

WB0ZUR  
Denton K. Larson  
dlarson@ic.waseca.mn.us  
dlarson@efjohnson.com  
71350.1667@compuserve.com

From qrp-1@lehigh.edu Wed Feb 7 22:20:07 1996  
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
Subject: [4009] Re: What the heck? No mail since yesterday???  
Message-ID: <96Feb7.150331est.57460-13656+5@hooch.CC.Lehigh.EDU>

> Just what hours is the list server keeping? It's 14:40 EST and nothing  
> heard for the entire day!!!  
>  
> Lehigh U, what's up?

Plenty of mail for everyone, and plenty of deliveries to w3eax.umd.edu today. Better check with your local mail wizard. Copies of SMTP logs available upon request.

Jim N3VXI